

## **Maintenance Monthly Activity Report for September 2024**

### **Overall**

J. D. Malone and Jamey Oliver attended the 2024 ISA Automation Summit & Expo in Charleston, SC 10/2 through 10/4/2024. The conference focuses on cyber security improvements and transitioning to digital historian/utilizing AI.

We currently have three vehicles on order (a Ford F750 Dump Truck, a Ford F550 Service Body, and a Ford Maverick). I have received a VIN for the Maverick, but the other two trucks are still waiting to be built.

The decision was made to reject all bids for the hydraulic pumper due to the low response rate. Our current unit was purchased in 1992 and has required multiple repairs recently. This is a planned and budgeted replacement. We received two bids from the seven manufacturers the specification was directly sent, and the bid was also advertised publicly. J. D. and Ean are finalizing the revised specification and it should be advertised by the end of October.

ELDT (Entry Level Driver Training) Update – Tanner Randall is finishing up the driving portion of his training with Blake. Tanner should be ready for the test in October. We are working with JJ Keller to host a training class for an additional in-house trainer. We have a meeting on 10/15 with JJ Keller to discuss the schedule for training.

### **Information Systems and I&C Monthly Activity**

- Creating monthly spreadsheets for Black and Veatch Power BI with SCADA and Lab data
- Working with I&C on the installation and configuration of Digital Paperless Chart recorders at the Major pump stations around town
- Worked with Shand & Jurs on issues with the waste gas burner. Shand & Jurs also provided training for our I&C staff while they were onsite.
- Training Patrick Owens on Systems Integrator responsibilities
- Work on Final Clarifier and Diversion structure conduit upgrades and repairs.
- Cleaning up the pm list and correcting PM frequencies in Beehive.
- Working with outside vendors on the 259 magnetic flowmeter replacement. The new unit should be ordered by 10/14/2024. The lead time will vary based on the unit selected.
- Fixing broken boxes and exposed wiring around the secondary aeration tanks
- Tanner Randall is completing his CDL training with Blake Dotson

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### **Mechanical Maintenance Monthly Activity**

The mechanical maintenance group has completed or is working on the following:

- Preventive Maintenance Work Orders
- Maintenance and operations staff worked diligently to finish preparations for land application and are now transferring biosolids from the west to the east.
- The installation of the 259 isolation valve was pushed to 10/2 due to the heavy rains we received the week of 9/25. Maintenance and operations staff performed the necessary isolation and bypass pumping operations to allow Burdick to safely replace the valve. Pictures are included below for your reference of the new valve being installed.



### **M.I.S. Department Monthly Update**

- Network Administration, Helpdesk, Troubleshooting and Repair
  - Ongoing network administration.
- Projects –
  - Completed Transfer of hardline fax to Cloud based
  - Updating the current phone system to newer model handsets

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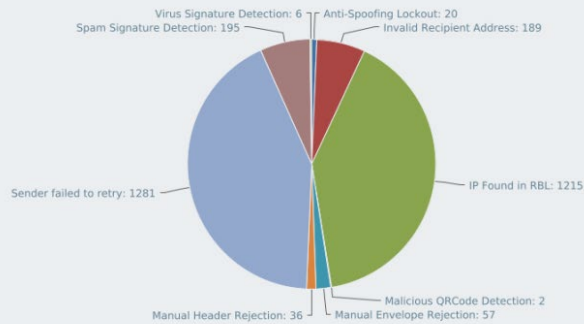
## Email Statistics Report

From Oct - 2023 To Sep - 2024

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
Oct - 2023	23,509	18,137	5,372	77.15 %	1,368	6,676
Nov - 2023	8,239	3,283	4,956	39.85 %	1,439	6,005
Dec - 2023	7,651	2,816	4,835	36.81 %	1,245	6,183
Jan - 2024	9,548	3,911	5,637	40.96 %	1,718	7,259
Feb - 2024	39,413	34,586	4,827	87.75 %	1,638	7,532
Mar - 2024	24,332	19,956	4,376	82.02 %	1,385	14,699
Apr - 2024	8,734	3,010	5,724	34.46 %	1,727	8,589
May - 2024	8,684	3,191	5,493	36.75 %	1,630	8,510
June - 2024	8,200	3,159	5,041	38.52 %	1,270	9,596
July - 2024	8,315	2,541	5,774	30.56 %	1,333	10,525
Aug - 2024	8,465	2,903	5,562	34.29 %	1,316	8,228
Sep - 2024	8,905	3,001	5,904	33.70 %	1,705	7,832
<b>Total</b>	<b>163,995</b>	<b>100,494</b>	<b>63,501</b>		<b>17,774</b>	<b>101,634</b>
<b>Mean</b>	<b>13,666.25</b>	<b>8,374.50</b>	<b>5,291.75</b>	<b>47.73 %</b>	<b>1,481.17</b>	<b>8,469.50</b>

### Rejection Overview

Total Rejection Count: 3001



If you have any questions or would like additional information about the maintenance department and our activities, feel free to contact me.

Thank you,

James Malone, CPMM

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